

(e) whether the project will result in the deforestation, river pollution and the displacement of the rural communities around Mangalore;

(f) if so, the details thereof;

(g) whether in view of the controversy generated by the project, Government propose to review it; and

(h) if not, the rationale behind it ?

THE MINISTER OF STATE IN THE MINISTRY OF POWER AND MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (DR. S. VENUGOPALACHARI) : (a) and (b) The Mangalore Thermal Power Project (1000MW) being promoted by M/s Mangalore Power Company has been accorded techno-economic clearance of CEA on 10.7.1996 at a total completion cost of Rs. 1580.89 Crores + US\$ 751.574 million subject to certain conditions.

(c) No, Sir.

(d) Does not arise in view of reply to (c) above.

(e) to (h) All the related environmental issues have duly considered by the Expert Committee for Thermal Power Projects set up by the Ministry of Environment & Forests prior to the Environmental clearance of the project and the necessary safeguard measures have been stipulated for implementation by the project authorities.

Generation of Power

5253. SHRI N.S.V. CHITTHAN : Will the PRIME MINISTER be pleased to state :

(a) the total generation of power, (Hydel, Thermal and Nuclear) as of last year, State-wise;

(b) the present projects which are pending clearance;

(c) the total requirement of power in the country; and

(d) the steps being taken to improve the power situation ?

THE MINISTER OF STATE IN THE MINISTRY OF POWER AND MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (DR. S. VENUGOPALACHARI) : (a) State-wise/System-wise/Category-wise energy generation in the country during 1995-96 is given in the attached statement-I.

(b) State-wise details of project proposals under examination in CEA as on 31.7.1996 is given in the attached statement-II.

(c) During 1995-96, the energy requirement in the country, as per CEA, was 389721 million units.

(d) Various measures undertaken to improve the power supply in the country include expediting the commissioning of the new generation capacity, implementation of short gestation projects, improving the

performance of existing power stations, reduction in Transmission & Distribution losses, implementation of better demand side management and energy conservation besides transfer of energy from surplus to deficit areas.

STATEMENT-I

Name of the State/ System	Category	Energy generation (MU)
B.B.M.B.	Hydro	12004
Delhi	Thermal	6524
Jammu & Kashmir	Thermal	63
	Hydro	2887
	Total	2950
Himachal Pradesh	Hydro	4341
Haryana	Thermal	3067
	Hydro	233
	Total	3300
Rajasthan	Thermal	7839
	Nuclear	0
	Hydro	1405
	Total	9244
Punjab	Thermal	8228
	Hydro	3153
	Total	11381
Uttar Pradesh	Thermal	55262
	Nuclear	2751
	Hydro	5444
	Total	63457
Gujarat	Thermal	30717
	Nuclear	2251
	Hydro	738
	Total	33706
Maharashtra	Thermal	46142
	Nuclear	1552
	Hydro	4427
	Total	52121
Madhya Pradesh	Thermal	40723
	Hydro	2146
	Total	42869
Andhra Pradesh	Thermal	30398
	Hydro	7135
	Total	37533
Karnataka	Thermal	4718
	Hydro	10197
	Total	14915
Kerala	Hydro	6701
Tamilnadu	Thermal	29489
	Nuclear	1411
	Hydro	4726
	Total	35626

Name of the State/ System	Category	Energy generation (MU)	Name of the State/ System	Category	Energy generation (MU)
Bihar	Thermal	4404	NEEPCO	Thermal	346
	Hydro	294		Hydro	706
	Total	4698		Total	1052
Orissa	Thermal	3055	Meghalaya	Hydro	539
	Hydro	4382		Thermal	153
	Total	7437		Hydro	40
West Bengal	Thermal	20594	Tripura	Total	193
	Hydro	84		Thermal	480
	Total	20678		Hydro	15
D.V.C.	Thermal	6450	Arunachal Pradesh	Hydro	299606
	Hydro	387		Nuclear	7963
	Total	6837		Hydro	72513
Sikkim	Hydro	49	All India	Total	380084
Assam	Thermal	1434		Thermal	299606
				Nuclear	7963
				Hydro	72513

STATEMENT-II

Project Proposals Under Examination in Central Electricity Authority As on 31. 07.96

Sl. No.	State	Name of Project	Executive Agency	Capacity (MW)	Remarks
A. STATE/CENTRAL SECTOR :					
A.1 : HYDRO SCHEMES :					
01.	Jammu & Kashmir	Parkhachik Panikhar St. I & St. II HEP	J&K Govt.	5 × 12 = 60	Replies to comments of CEA/CWC awaited.
02.	Jammu & Kashmir	Uri HEP St. II (Ph. I) (PDC, J&K Govt.)	J&K Govt.	4 × 70 = 280	Comments on legal executing agency F&C, C&P, power evacuation and civil works aspects have been sent to project authority for clarification.-Cleared from IWT.
03.	Maharashtra	Chikaladara HEP (pumped storage scheme)	MSEB	2 × 200 = 400	Replies to CEA/CWC comments on Irrigation Planning. cost engg. just received.
04.	Andhra Pradesh	Pulichintala Hep	APSEB	2 × 30 = 60	—
A.2 : THERMAL SCHEMES :					
01.	Uttar Pradesh	Anpara 'C' TPS	UPSEB	2 × 500 = 1000	CEA's IPC conveyed on 10.07.96
02.	Gujarat	Ghoga Lignite TPS	GPCL	2 × 120 = 240	In-principle clearance issued to GPCL on 22.7.94.
03.	Gujarat	Pipavav GTPP	GPCL	615	Alternate fuel based revised FR received.
04.	Gujarat	Coastal TPS	GPCL	1000	—

Sl. No.	State	Name of Project	Executive Agency	Capacity (MW)	Remarks
05.	Maharashtra	Uran GTPP Expn.	MSEB	400	Report submitted by MSEB for consideration of derating committee in CEA in 7/96.
06.	Andhra Pradesh	Simhadri TPS	NTPC	2×500 =1000	IPC issued on 13.3.96
07.	Andhra Pradesh	Hyderabad Metro COST St. I	NTPC	650	IPC issued on 31.3.96.
08.	Karnataka	Yelahanka DGPP Extn.	KEB	2×23.4 =46.8	Pending inputs are- i. Fuel linkage ii. Env. (Centre & State) iii. Sec. 29 of E(S) Act.
09.	Damodar Valley Corporation	Maithon R/B TPS	DVC	4×250 =1000	Pending clearances : i. Sec. 29 of E(S) Act ii. MOEF -Other inputs to be revalidated.
10.	Damodar Valley Corporation	Mejia TPS-II	DVC	2×210 =420	—
11.	Central Sector (EP)	Talchar STPS-II	NTPC	4×500 =2000	CEA's IPC conveyed on 31.3.96.

B. PRIVATE SECTOR :**B.1 : HYDRO SCHEMES :**

01.	Himachal Pradesh	Malana HEP	M/s. Rajasathan 2×43 Spinning & Weaving Mill	=86	CEA's IPC issued on 26.10.94
02.	Uttar Pradesh	Vishnuprayag HEP	M/s. JIL	4×100 =400	CEA's IPC conveyed on 9.9.94
03.	Jammu & Kashmir	Srinagar HEP	M/s. Duncans Industries Ltd.	5×66 =330	CEA's IPC issued on 30.3.96.

B.2 : THERMAL SCHEMES :

01.	Uttar Pradesh	Rosa TPP (Ph.I)	M/s. Indo-Gulf Fertilizers and Chemicals Corpn. Ltd.	2×250 =500	CEA's IPC conveyed on 7.11.94.
02.	Gujarat	Jamnagar (near Sikka) TPP Ph.I	M/s. Reliance Power Ltd.	2×250 =500	CEA's IPC conveyed on 1.3.95.
03.	Gujarat	Surat Lignite TPP	M/s. GIPCL	2×125 = 250	IPC issued on 31.3.96.
04.	Maharashtra	Patalganga CCPP	M/s. Reliance Patalganga Power Pvt. Ltd.	410	CEA's IPC conveyed on 30.03.96.
05.	Andhra Pradesh	Ramagundam Extn.	M/s. BPL Power Projects (AP) Ltd.	2×260 =520	CEA's IPC conveyed on 6.2.96.